

COMETTM



MODERN,
MULTI-BAND
ANTENNA
SYSTEMS

MONO-BAND
DUAL-BAND
TRI-BAND
ACCESSORIES



DUAL-BAND BASE AND REPEATER ANTENNAS

This catalog represents the absolute latest, and most diverse Multi-band Antennas available to the modern Amateur Radio Operator. We're confident you will find a COMET Antenna or accessory that will enable you to enjoy Amateur Radio to its fullest.

COMET developed the Super Linear Converter (SLC) to increase the actual gain of dual/tri-band antennas.



PHOTO A

- 1) A completely pre-formed phasing coil and phosphorous copper element eliminates additional components, and gain loss. (Photo A)
- 2) COMET sectional antennas use threaded ABS (transparent to RF) connecting joints for the finest radiation pattern and easiest assembly. (Photo B, C)

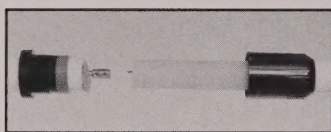


PHOTO B

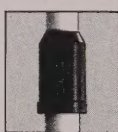
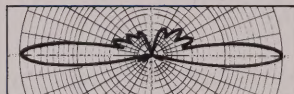


PHOTO C

- 3) The SLC is electrically very efficient, providing a low angle of radiation directly to the horizon, for maximum performance.

Radiation Pattern



146MHz



446MHz

GPX-2010

**The Highest Gain 2M/70cm
Omni-directional vertical
in the world!**

146MHz 9.5dBi 446MHz 13.2dBi

GPX-2010

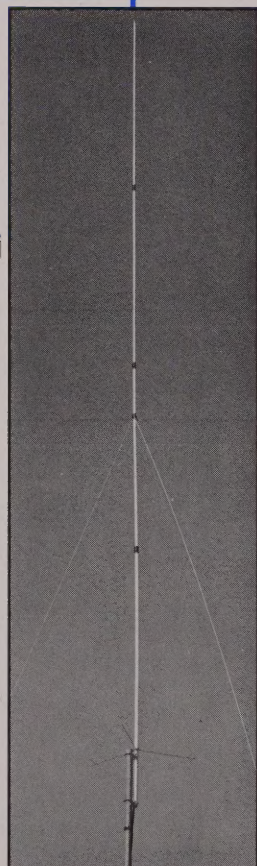
Gain & Wave:
146MHz 9.5dBi $\frac{5}{8}$ wave x 5
446MHz 13.2dBi $\frac{5}{8}$ wave x 12
VSWR: 1.5:1 or less
Max Power: 200 watts
Length: 23' 4"
Weight: 7 lbs. 14 oz.
Mounting Mast Dia: 1 1/4-2 1/2"
Connector: SO-239

S-203



Stay Included

The GPX-2010 will support itself and withstand winds to 65MPH. Non-metal guys are included for additional support.



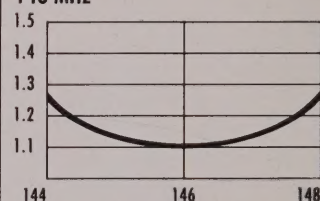
GP-9

*COMET'S best selling 2M/70cm
Fixed-Station Antenna.*

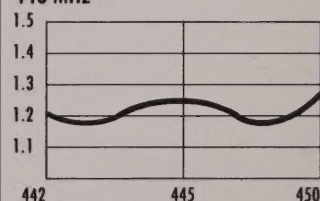
Featuring the COMET exclusive SLC System for maximum gain, and stable resonant frequencies. Wide band, and like all COMET Antennas, pre-tuned. Heavy-duty fiberglass and a compression washer within the ABS connecting joint prevents moisture/pollution contamination. Simply use the included stainless steel mounting brackets and your mast, and you're ready to experience incredible COMET DualBand performance!

V.S.W.R. Characters:

146 MHz



446 MHz

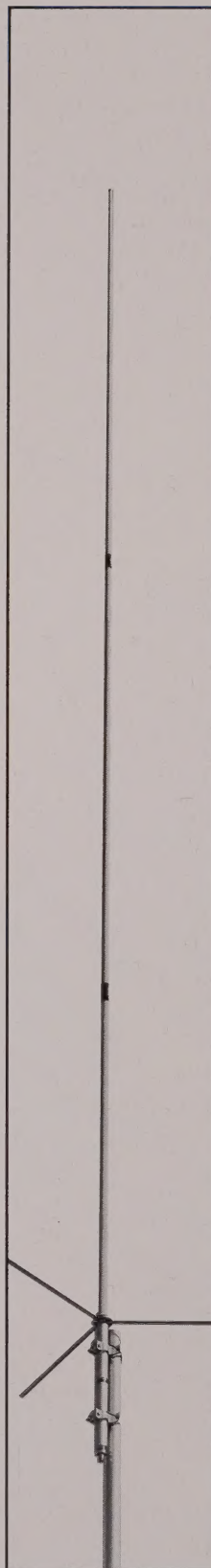


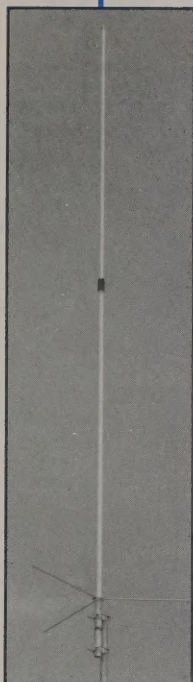
GP-9

GP-9N

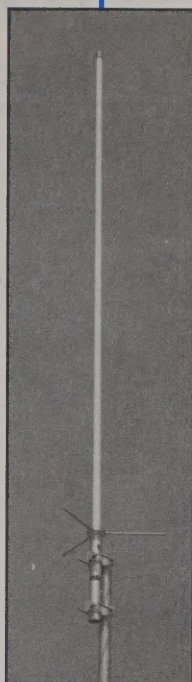
DualBand 146/446MHz

Gain & Wave:
146MHz 8.5dBi $\frac{5}{8}$ wave x 3
446MHz 11.9dBi $\frac{5}{8}$ wave x 8
VSWR: 1.5:1 or less
Max Power: 200 watts
Length: 17' 8"
Weight: 5 lbs. 11 oz.
Mounting to Mast Size: 1 1/4-2 1/2"
Connector: SO-239 or Female N-type
Construction: Heavy-duty fiberglass,
3 sections

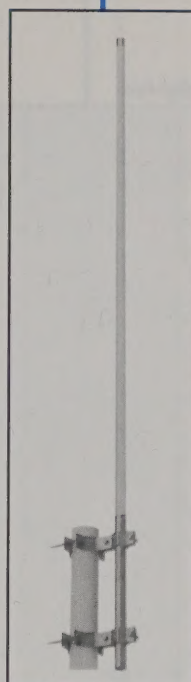




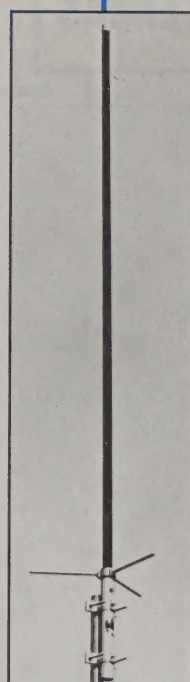
GP-6
DualBand 146/446MHz
Gain & Wave:
146MHz 6.5dBi $\frac{1}{2}$ wave x 2
446MHz 9.0dBi $\frac{1}{2}$ wave x 5
VSWR: 1.5:1 or less
Max Power: 200 watts
Length: 10' 2"
Connector: SO-239
Construction: Heavy-duty fiberglass,
2 sections



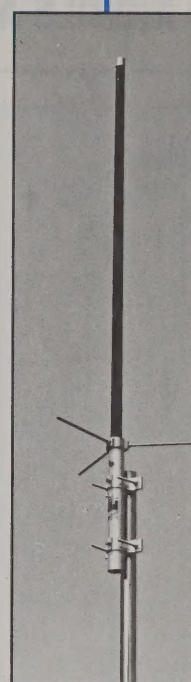
GP-3
DualBand 146/446MHz
Gain:
146MHz 4.5dBi
446MHz 7.2dBi
VSWR: 1.5:1 or less
Max Power: 200 watts
Length: 5' 11"
Weight: 2 lbs. 12 oz.
Mounting Mast Dia: $1\frac{1}{2}$ - $2\frac{1}{4}$ "
Connector: SO-239
Construction: Heavy-duty fiberglass



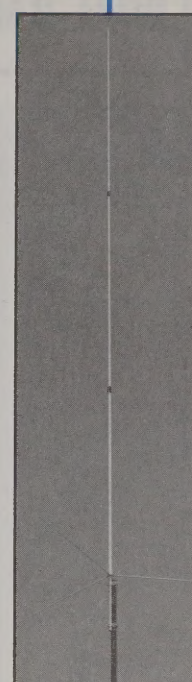
CMR-241
DualBand 146/446MHz
Heavy-duty Dualbander
Gain & Wave:
146MHz 4.5dBi $\frac{1}{2}$ wave
446MHz 7.2dBi $\frac{1}{2}$ wave x 3
VSWR: 1.5:1 or less
Max Power: 200 watts
Length: 6' 9"
Weight: 5 lbs. 9 oz.
Connector: SO-239
Construction: Single piece heavy-duty
fiberglass. All stainless steel hardware.
135MPH wind survival.



CA-1243Z
DualBand 446/1200MHz
Gain & Wave:
446MHz 9.4dBi $\frac{1}{2}$ wave x 4
1200MHz 12.8dBi $\frac{1}{2}$ wave x 9
VSWR: 1.5:1 or less
Max Power: 446MHz 150 watts,
1200MHz 50 watts
Length: 7'
Weight: 2 lbs. 8 oz.
Connector: N-type
Construction: Heavy-duty fiberglass

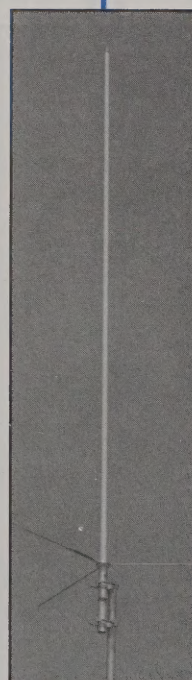
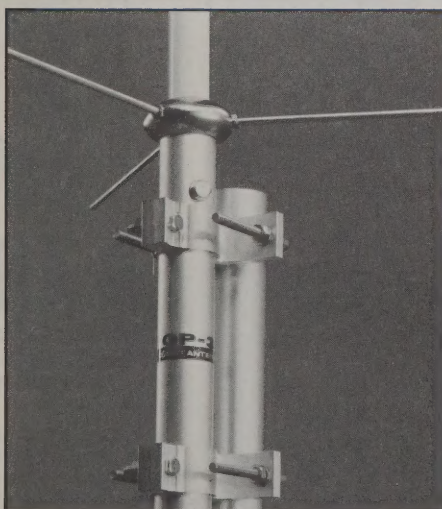


CA-1243E
DualBand 446/1200MHz
Gain: 446MHz 6.0dBi,
1200MHz 8.4dBi
VSWR: 1.5:1 or less
Max Power: 446MHz 150 watts,
1200MHz 50 watts
Length: 3' 4"
Weight: 1 lbs. 13 oz.
Mounting Mast Dia: $1\frac{1}{4}$ - $2\frac{1}{2}$ "
Connector: N-type
Construction: Heavy-duty fiberglass

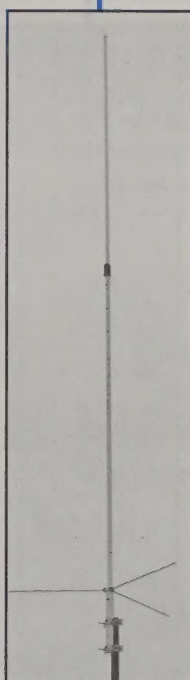


CA-350DB
DualBand Base Repeater
28-29.7MHz, 52-54MHz
Gain: 2.15dBi/6.5dBi
VSWR: Less than 2:1
Max Power: 200 watts SSB,
100 watts FM
Length: 21' 6"
Weight: 7.5 lbs.
Connector: SO-239
Construction: Heavy-duty fiberglass,
3 sections

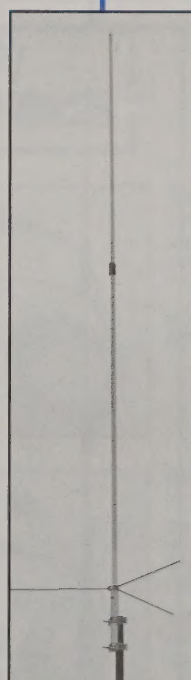
TRI-BAND BASE AND REPEATER ANTENNAS



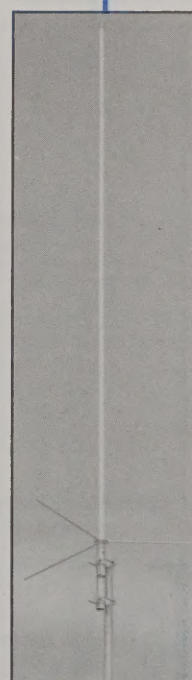
GP-15
Tri-Band 52/146/446MHz
Gain & Wave:
52MHz 3.0dBi $\frac{1}{2}$ wave
146MHz 6.2dBi $\frac{1}{2}$ wave x 2
446MHz 8.6dBi $\frac{1}{2}$ wave x 4
VSWR: 1.5:1 or less
Max Power: 150 watts
Length: 7' 11" **Weight:** 3 lbs. 1 oz.
Connector: SO-239
Construction: Heavy-duty fiberglass,
single piece



CX-333
Tri-Band 146/220/446MHz
Gain & Wave:
146MHz 6.5dBi $\frac{1}{2}$ wave x 2
223MHz 7.8dBi $\frac{1}{2}$ wave x 3
446MHz 9.0dBi $\frac{1}{2}$ wave x 5
VSWR: 144.5-147.5MHz, 220-
225MHz, 440-450MHz
Max Power: 120 watts
Length: 10' 2" **Connector:** SO-239
Construction: Heavy-duty fiberglass,
2 sections



GP-98
Tri-Band 146/446/1200MHz
Gain & Wave:
146MHz 6.5dBi $\frac{1}{2}$ wave x 2
446MHz 9.0dBi $\frac{1}{2}$ wave x 5
1200MHz 13.5dBi $\frac{1}{2}$ wave x 12
VSWR: 1.5:1 or less
Max Power: 150W/100W 1200MHz
Length: 9' 8" **Weight:** 6 lbs. 10 ozs.
Connector: N-Type
Construction: Heavy-duty fiberglass,
2 sections



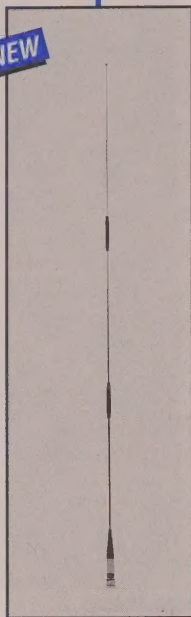
GP-93
Tri-Band 146/446/1200MHz
Gain & Wave:
146MHz 4.5dBi $\frac{1}{2}$ wave
446MHz 7.2dBi $\frac{1}{2}$ wave x 3
1200MHz 10dBi $\frac{1}{2}$ wave x 6
VSWR: 1.5:1 or less
Max Power: 150W/100W 1200MHz
Length: 5' 7" **Weight:** 2 lbs. 9 ozs.
Mounting Mast Dia: $1\frac{1}{4}$ - $2\frac{1}{2}$ "
Connector: N-Type
Construction: Heavy-duty fiberglass,
single piece

DUAL-BAND MOBILE ANTENNAS

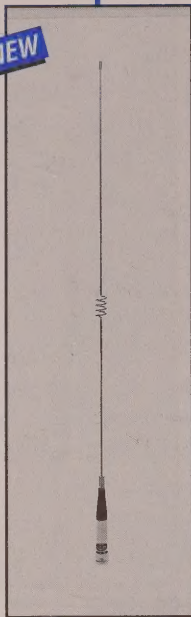
Economical & High-Gain

Black Anodized 2M/70cm

NEW



NEW



COMET'S Best Mobiles!

Sleek Design, 24kt Gold Plated Center Conductor, and THEFT RESISTANT Locking Feature!

Z780

DualBand 146/446MHz with Theft-Resistant Lock

Gain & Wave:
146MHz 4.5dBi ½ wave
446MHz 7.2dBi ¾ wave x 3
VSWR: 1.5:1 or less
Max Power: 150 watts
Length: 5'
Connector: Gold-Plated PL-259

Z750

DualBand 146/446MHz with Theft-Resistant Lock

Gain & Wave:
146MHz 2.15dBi ½ wave
446MHz 5.5dBi ¾ wave x 2
VSWR: 1.5:1 or less
Max Power: 200 watts
Length: 38"
Connector: Gold-Plated PL-259

SB-5/SB-5NMO

DualBand 146/446MHz

Gain & Wave:
146MHz 3.0dBi ½ wave
446MHz 5.5dBi ¾ wave x 2
VSWR: 1.5:1 or less
Max Power: 120W FM
Length: 38"
Connector: Gold-Plated PL-259 or NMO Style

SB-7/SB-7NMO

DualBand 146/446MHz

Gain & Wave:
146MHz 4.5dBi ¾ wave center-load
446MHz 7.2dBi ¾ wave x 3
VSWR: 1.5:1 or less
Max Power: 70W FM
Length: 4' 7"
Connector: Gold-Plated PL-259 or NMO Style

B-10/B-10NMO

DualBand 146/446MHz

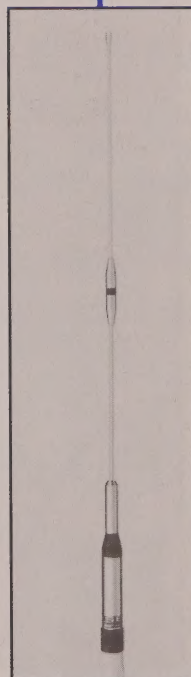
Gain & Wave:
146MHz -dBi ¼ wave
446MHz 2.15dBi ½ wave
VSWR: 1.5:1 or less
Max Power: 50 watts
Length: 12"
Connector: PL-259 or NMO Style
Construction: Black, cellular look-a-like

B-20/B-20NMO

DualBand 146/446MHz

Gain & Wave:
146MHz 2.15dBi ½ wave
446MHz 5.0dBi ¾ wave x 2
VSWR: 1.5:1 or less
Max Power: 50 watts
Length: 30"
Connector: PL-259 or NMO Style
Construction: Black, cellular appearance

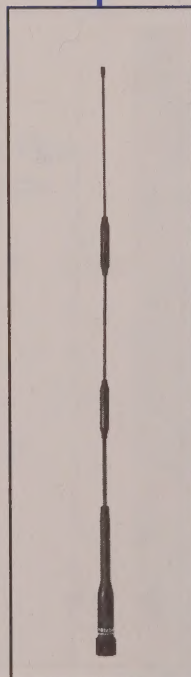
4



SB-2/SB-2NMO

DualBand 146/446MHz

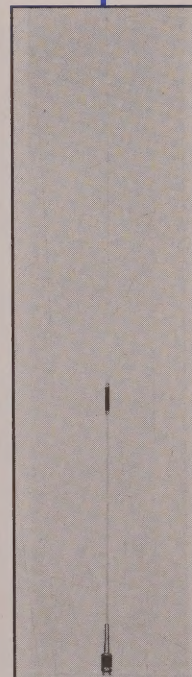
Gain & Wave:
146MHz 2.15dBi ¼ wave
446MHz 3.8dBi ¾ wave
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 18"
Connector: Gold-Plated PL-259 or NMO Style



FS-74B

DualBand 446/1200MHz

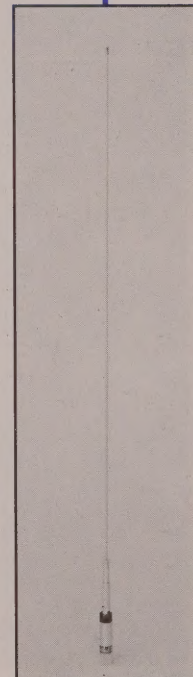
Gain & Wave:
446MHz 5.1dBi ¾ wave center-loaded
1200MHz 7.2dBi ¾ wave x 3
VSWR: 1.5:1 or less
Max Power: 60 watts
Length: 23"
Connector: N-Type



CHL-350

DualBand Mobile 28-29MHz, 52-54MHz

Gain & Wave:
28MHz 0dBi ¼ wave
50MHz 2.15dBi ½ wave
VSWR: 1.5:1 or less
Max Power: 200 watts
SSB/100 watts FM
Length: 7"
Connector: PL-259

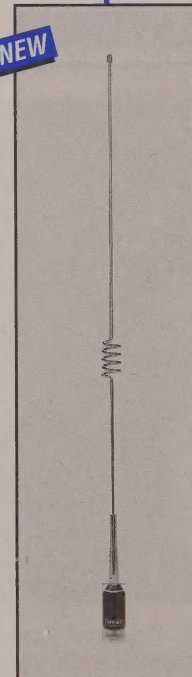


SB-214W

DualBand 146/220MHz

Gain & Wave:
146MHz 1.7dBi ½ wave
220MHz 3.4dBi ¾ wave
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 2' 11"
Connector: PL-259

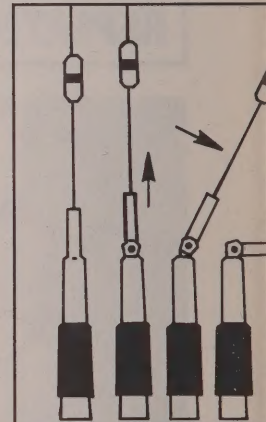
NEW



HP-32

HIGH POWER DualBand 146/220MHz

Gain & Wave:
146MHz 3.0dBi ½ wave
220MHz 5.5dBi ¾ wave x 2
VSWR: 1.5:1 or less
Max Power: 350/250 watts
Length: 35"
Connector: PL-259

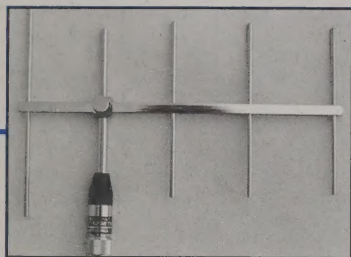


Fold-Over Feature

Comet mobile antennas over 24" in length have this feature.

Pull up on lower element and fold the antenna over for entering garages, parking structures, etc. Do not drive with the antenna folded over.

HT ANTENNAS



CY-1205

Mono Band 1280MHz Mini Beam Antenna for Hand Held

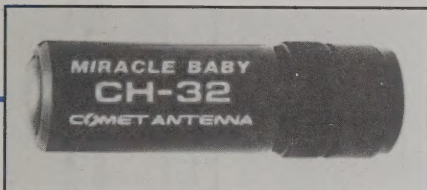
Gain: 11.0dBi

VSWR: 1.5:1 or less

Max Power: 50 watts

Weight: 5.5 ozs.

Connector: CY-1205BNC w/BNC Connector
CY-1205TNC w/TNC Connector



CH-32

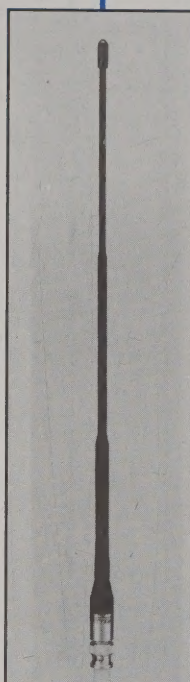
Miracle Baby 146/446MHz HT Antenna, Compact Design, the Smallest HT Antenna Available!

Gain & Wave: 0dBi ¼ wave

Max Power: 10 watts

Length: 1.75"

Connector: BNC



CH-72S

146/446MHz Flexible HT Antenna

Gain & Wave:

146MHz - ¼ wave

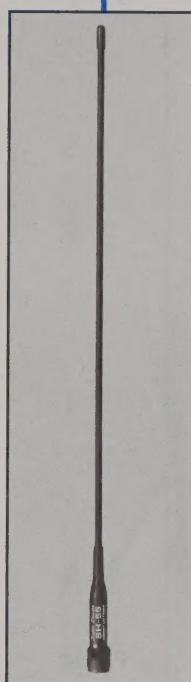
446MHz 3.2dBi ¾ wave

VSWR: 1.5:1 or less

Max Power: 50 watts

Length: 15"

Connector: BNC



SH-55

146/446MHz HT Antenna
Lightweight and Super Flexible

Gain & Wave:

146MHz 1.5dBi ¼ wave

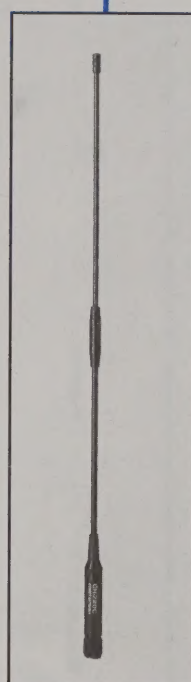
446MHz 3.2dBi ¾ wave

VSWR: 1.5:1 or less

Max Power: 10 watts

Length: 15.5"

Connector: BNC



CH-720C

146/446MHz HT Antenna
Bottom Section Rigid,
Top Flexible

Gain & Wave:

146MHz - ¼ wave

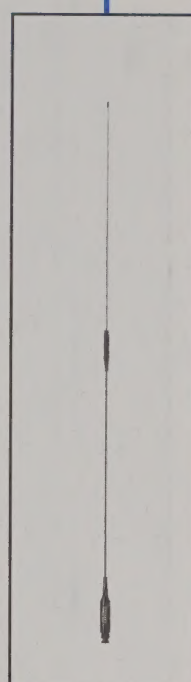
446MHz 3.8dBi ¾ wave

VSWR: 1.5:1 or less

Max Power: 50 watts

Length: 18"

Connector: BNC



CH-722SA

146/446MHz HT Antenna
2 Sections, Unscrews at
Mid-Coil

Gain & Wave:

146MHz 3.0dBi ½ wave

446MHz 5.5dBi ¾ wave x 2

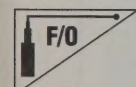
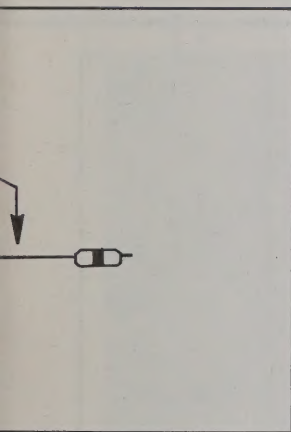
VSWR: 1.5:1 or less

Max Power: 50 watts

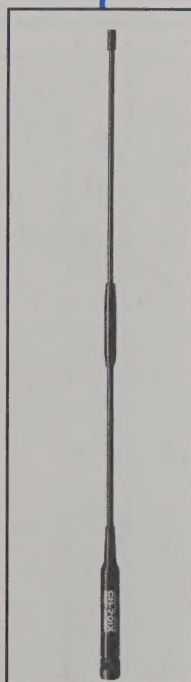
Length: 35.5"

Weight: 3.9 ozs.

Connector: BNC



Indicates Fold-Over
Feature



CH-701X Miracle Boy

146/446/905MHz TX HT Antenna,
5 Band RX Antenna,
144/300/440/800/900MHz
Bottom Section Rigid, Top Flexible

Gain & Wave:

146MHz - ¼ wave

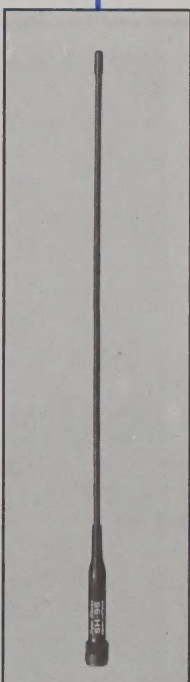
446MHz 3.4dBi ¾ wave

900MHz 5.5dBi ¾ wave x 2

VSWR: 1.5:1 or less

Max Power: 10 watts Length: 19"

Connector: BNC



SH-95

146/446/1200MHz TX,
Plus 6 Band RX
100/300/400/800/900/1200MHz
Super Flexible

Gain & Wave:

146MHz 1.5dBi ¼ wave

446MHz 2.15dBi ½ wave

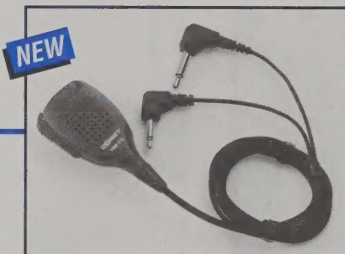
1200MHz 5.5dBi ¾ wave x 2

Max Power: 10 watts

Length: 14.5"

Connector: BNC

SPEAKER/ MICROPHONES



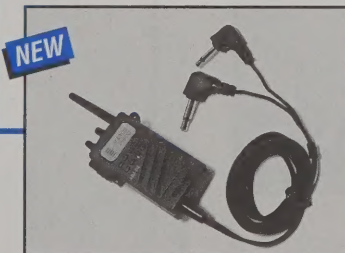
HM-P2

Mini Speaker/Microphone.

Ultra-light weight, mini-size
but high power, condenser mic
provides clear TX audio. Rear clip for collar, tie, etc.

HM-P2K: For Kenwood

HM-P2F: For Yaesu/Icom/Standard/Alinco/etc.



HM-P4

HT Look-A-Like Speaker/Microphone

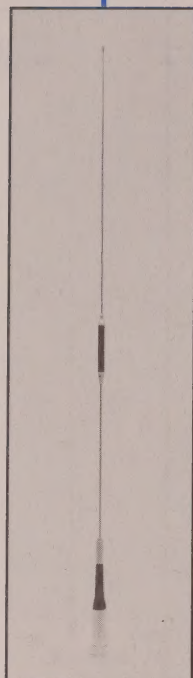
Ultra-light weight, with the uncanny appearance of a hand-held radio! Fun to use and sure to draw attention, the HM-P4 has a high quality condenser Mic and small but high quality speaker.

HM-P4F: For Icom/Standard/Alinco

HM-P4Y: For Yaesu

HM-P4K: For Kenwood

TRI-BAND MOBILE ANTENNAS



CX-224/ CX-224NMO

Tri-Band 146/220/446MHz

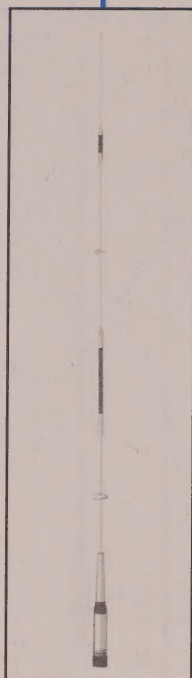
Gain & Wave:

146MHz 2.15dBi 1/2 wave
220MHz 3.5dBi 3/4 wave
446MHz 6.0dBi 3/4 wave x 2

VSWR: 1.5:1 or less

Max Power: 100 watts Length: 3'

Connector: Gold-Plated PL-259
or NMO Style



SB-97

Tri-Band Mobile
Antenna
146/446/1200MHz

Gain & Wave:

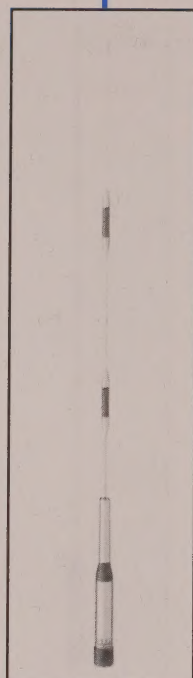
146MHz 3dBi 1/2 wave
446MHz 6.8dBi 3/4 wave x 2
1200MHz 9.6dBi 3/4 wave x 5

VSWR: 1.5:1 or less

Max Power: 100 watts

Length: 3' 3"

Connector: N-Type



SB-94

Tri-Band Mobile
Antenna
146/446/1200MHz

Gain & Wave:

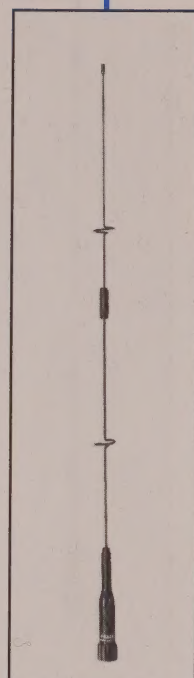
146MHz 2.15dBi 1/4 wave
446MHz 5.1dBi 3/4 wave
1200MHz 7.2dBi 3/4 wave x 3

VSWR: 1.5:1 or less

Max Power: 60W/30W 1200MHz

Length: 24"

Connector: N-Type



FS-92B

Tri-Band Mobile Antenna Black
146/446/1200MHz

Gain & Wave:

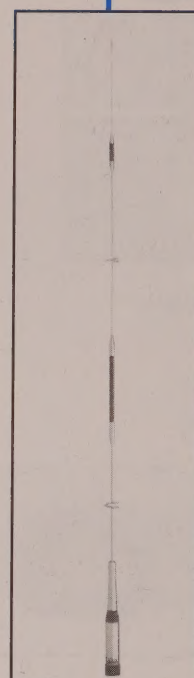
146MHz 2.1dBi 1/4 wave
446MHz 4.1dBi 3/4 wave
1200MHz 6.8dBi 3/4 wave x 3

VSWR: 1.5:1 or less

Max Power: 50 watts

Length: 23"

Connector: N-Type



SB-83

Tri-Band Mobile
Antenna
146/446MHz/Cellular

Gain & Wave:

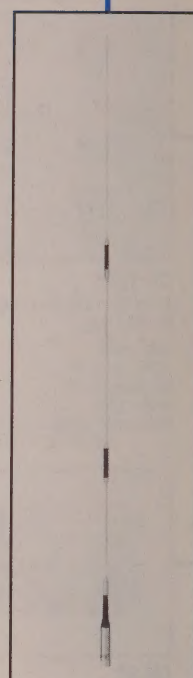
146MHz 3dBi 1/2 wave
446MHz 6dBi 3/4 wave x 2
Cellular: Unity

VSWR: 1.5:1 or less

Max Power: 100 watts

Length: 33"

Connector: N-Type



FJ-15S

Tri-Band Mobile
Antenna
50/146/446MHz

Gain & Wave:

50MHz 2.14dBi 1/4 wave
146MHz 4.5dBi 3/4 wave center-loaded
446MHz 7.2dBi 3/4 wave x 3

VSWR: 1.5:1 or less

Max Power: 120 watts FM

Length: 4' 10"

Connector: PL-259



SINGLE-BAND MOBILE ANTENNAS



SB-25/SB-25NMO

144-148MHz

Gain & Wave:

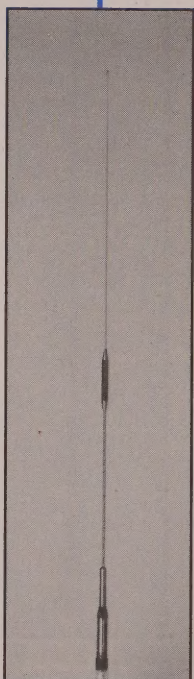
4.1dBi 3/4 wave

VSWR: 1.5:1 or less

Max Power: 100 watts

Length: 4' 8"

Connector: Gold-Plated PL-259
or NMO Style



SB-44

440-450MHz

Gain & Wave:

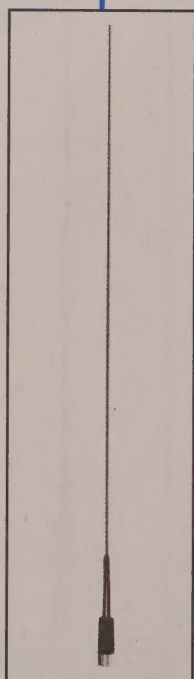
5.5dBi 3/4 wave x 2

VSWR: 1.5:1 or less

Max Power: 130 watts

Length: 28"

Connector: Gold-Plated PL-259



CA-220MR

220-225MHz

Gain & Wave:

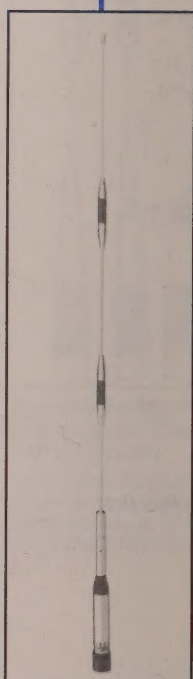
4.2dBi 3/4 wave

VSWR: 1.5:1 or less

Max Power: 200 watts

Length: 3' 3"

Connector: PL-259



SB-123

1260-1300MHz

Gain & Wave:

6.8dBi 3/4 wave x 3

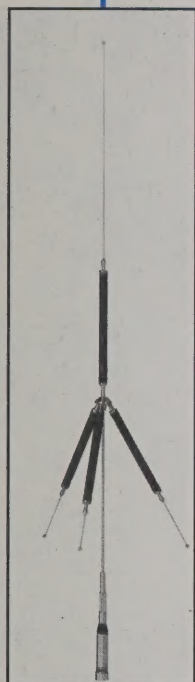
VSWR: 1.5:1 or less

Max Power: 50 watts

Length: 22"

Connector: N-Type

MULTI-BAND HF MOBILE ANTENNAS



HA-4S

Quad-Band HF Mobile
7, *14, 21, 24, 28MHz

Wave: 1/4 wave

VSWR: Less than 2:1

Max Power: 7/21/24/28MHz 120 watts SSB

14MHz 200 watts SSB

Weight: 1 lb. 14 ozs.

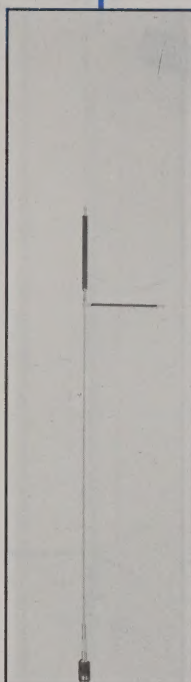
Length: 4' 10"

Connector: PL-259

Construction: Heavy-Duty, w/Fold-Over

*L-14HS: Optional 14MHz Coil

for HA-4S



CA-HV

Quad-Band Mobile Antenna
7, *14, 21, 28, 50, 146MHz

Gain & Wave:

50MHz 2.15dBi 1/4 wave

146MHz 3.4dBi 5/8 wave

VSWR: 1.5:1 or less

Max Power: 7/21/28MHz 120 watts SSB

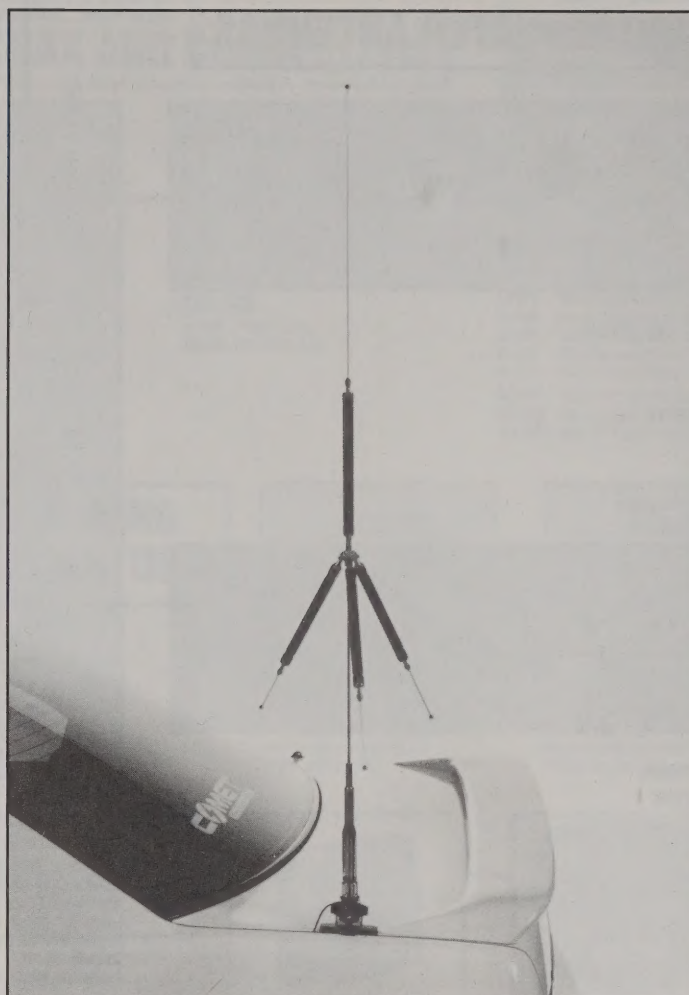
50/146MHz 200 watts SSB

Weight: 14-19 ozs. (Max)

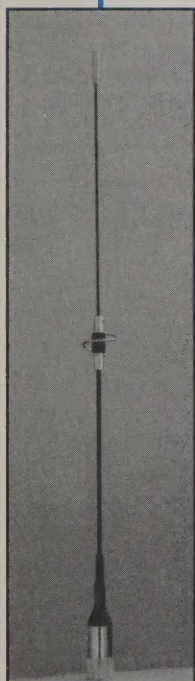
Length: 6' 4" (Max) Connector: PL-259

Construction: Heavy-Duty, w/Fold-Over

*L-14: Optional 14MHz Coil for CA-HV



7



CMW-202N

Mobile Antenna
900-930MHz

Gain & Wave:

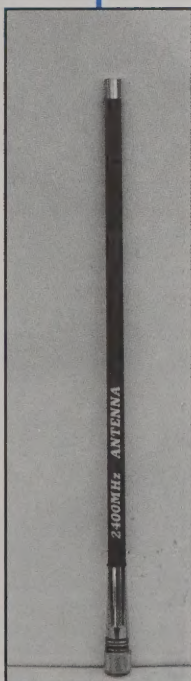
5.1dBi 5/8 wave x 2

VSWR: 1.5:1 or less

Max Power: 50 watts

Length: 18"

Connector: N-Type



CA-2405

Mono Band 2400MHz
Mobile Antenna

Gain & Wave:

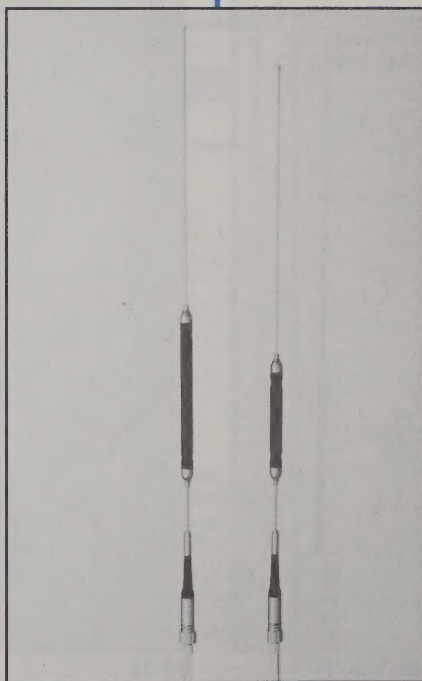
7.0dBi 1/2 wave x 5

VSWR: 1.5:1 or less

Max Power: 50 watts

Length: 17"

Connector: N-Type



FL-7HA

40 Meter Mobile
Antenna

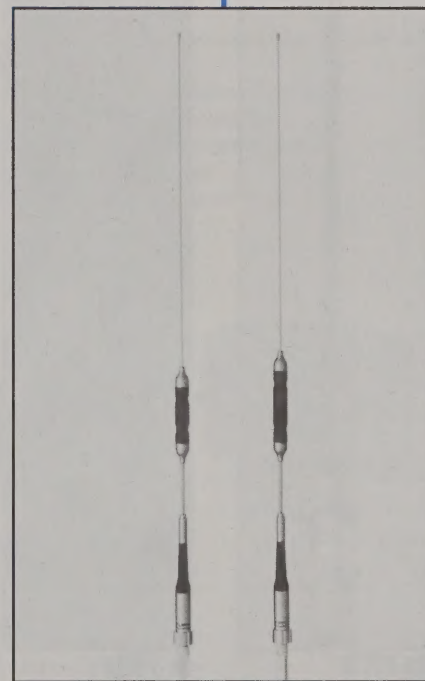
Wave: 1/4 wave

VSWR: 1.5:1 or less

Max Power: 120 watts SSB

Length: 40"

Connector: PL-259



FL-14HA

20 Meter Mobile
Antenna

Wave: 1/4 wave

VSWR: 1.5:1 or less

Max Power: 120 watts SSB

Length: 37"

Connector: PL-259



FL-28HA

10 Meter Mobile
Antenna

Wave: 1/4 wave

VSWR: 1.5:1 or less

Max Power: 120 watts SSB

Length: 33"

Connector: PL-259



FL-50HA

6 Meter Mobile
Antenna

Wave: 1/4 wave

VSWR: 1.5:1 or less

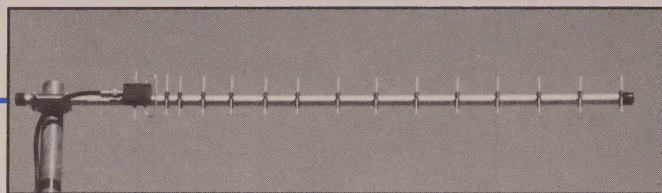
Max Power: 120 watts SSB

Length: 33"

Connector: PL-259



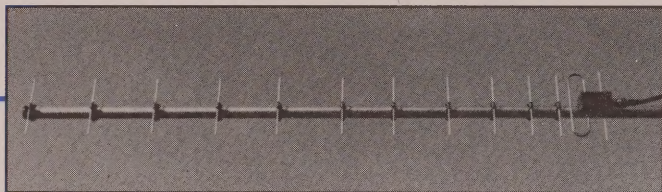
SINGLE-BAND BASE AND REPEATER ANTENNAS



CYA-1216E

16 Element Yagi Beam 1260-1300MHz

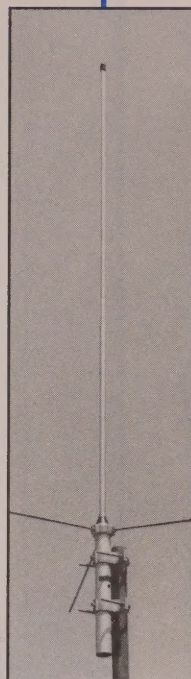
Gain: 16.6dBi
VSWR: 1.5:1 or less
Max Power: 100 watts
Polarization: Vertical or Horizontal
Length: 4' 6"
Weight: 7 lbs. 11 ozs.
Mounting Mast Dia: 1-2 1/4"
Connector: N-Type
Construction: Aluminum, pre-assembled



PYA-913

13 Element Yagi 904-920MHz

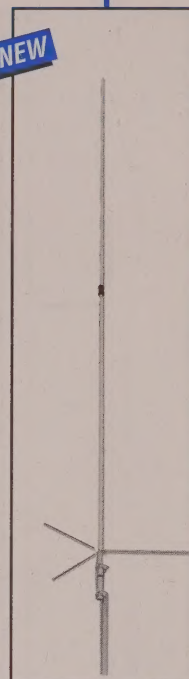
Gain: 15.8dBi F/B ratio over 20dB
VSWR: 1.5:1 or less
Max Power: 150 watts
Length: 4' 8"
Connector: N-Type
Construction: Aluminum, pre-assembled



CA-ABC 21

Mono Band 146MHz Base Antenna, Condo/Apt Size

Gain & Wave: 3.4dBi 1/2 wave
VSWR: 1.5:1 or less
Max Power: 200 watts
Length: 4' 7" Weight: 1 lb. 14 ozs.
Mounting Mast Dia: 1 1/2-2 1/4"
Connector: SO-239
Construction: Aluminum



CA-ABC22a

Mono Band 146MHz Base/Repeater Antenna

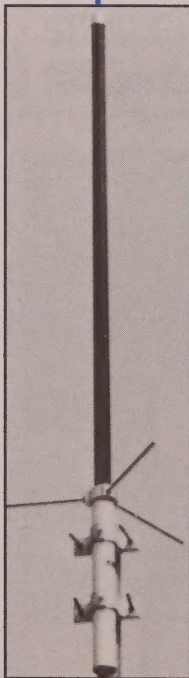
Gain & Wave: 6.5dBi 3/4 wave x 2
VSWR: 1.5:1 or less
Max Power: 200 watts
Length: 9' 5" Weight: 2 lbs. 7 ozs.
Mounting Mast Dia: 1-2 1/2"
Connector: SO-239
Construction: Aluminum, 2 sections



CA-ABC 23

Mono Band 146MHz Base/Repeater Antenna

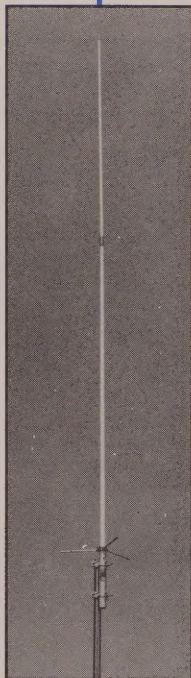
Gain & Wave: 7.8dBi 3/4 wave x 3
VSWR: 1.5:1 or less
Max Power: 200 watts
Length: 13' 4" Weight: 3 lbs. 8 ozs.
Mounting Mast Dia: 1-2 1/2"
Connector: SO-239
Construction: Aluminum, 3 sections



CA-F726F

UHF Base Antenna w/Cutting Chart. User tunable for operation between 440-470MHz. After tuning, 10MHz Bandwidth.

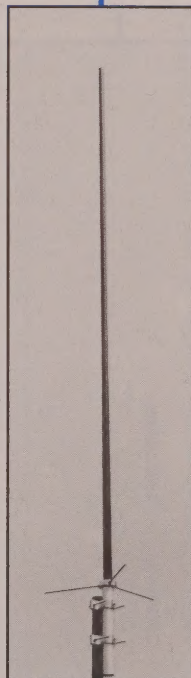
Gain: 6.0dBi
VSWR: 1.5:1 or less
Max Power: 150 watts
Length: 4' 7" Weight: 1 lb. 14 ozs.
Mounting Mast Dia: 1 1/2-2 1/4"
Connector: SO-239
Construction: Single-piece fiberglass



CA-712EF

Mono Band 440-450MHz Base/Repeater Antenna

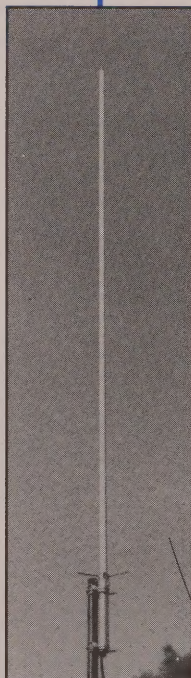
Gain & Wave: 9dBi 1/2 wave x 12
VSWR: 1.5:1 or less
Max Power: 200 watts
Length: 10' 5" Weight: 3 lbs.
Mounting Mast Dia: 1 1/2-2 1/2"
Connector: N-Type
Construction: Heavy-duty fiberglass, 2 sections



CA-Super22

220MHz Base/Repeater Antenna

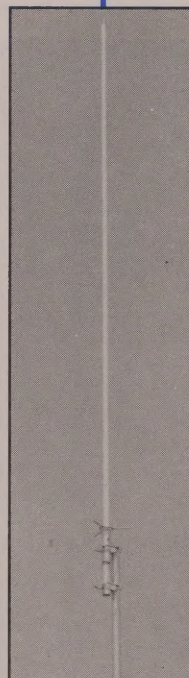
Gain & Wave: 6.6dBi 3/4 wave x 2
VSWR: 1.5:1 or less
Max Power: 150 watts
Length: 8' Weight: 2 lbs. 13 ozs.
Connector: SO-239
Construction: Single-piece fiberglass



FP-19

Base/Repeater Antenna 905-925MHz

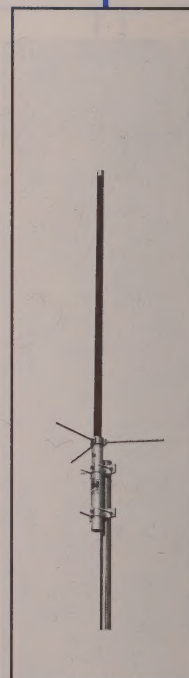
Gain & Wave: 16dBi 1/2 wave x 19
VSWR: 1.2:1 or less
Max Power: 100 watts
Length: 7' 4"
Connector: N-Type
Construction: Single-piece fiberglass



GP-21

Mono Band 1200MHz Base/Repeater Antenna

Gain & Wave: 11.7dBi 1/2 wave x 21
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 8' 2" Weight: 2 lbs. 8 ozs.
Connector: N-Type
Construction: Single-piece fiberglass

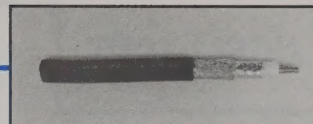


GP-24

Mono Band 2400MHz Base/Repeater Antenna

Gain & Wave: 12.4dBi 1/2 wave x 22
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 4' 8" Weight: 2 lbs.
Connector: N-Type
Construction: Single-piece fiberglass

LOW-LOSS COAX AND CONNECTORS



5D-FB 10D-FB

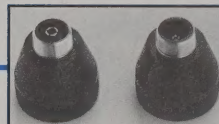
Coax

5D-FB: Loss per 100' at 400MHz 3.4dB
10D-FB: Loss per 100' at 400MHz 2.0dB
 (RG-58/U loss per 100' at 400MHz 12dB +)
 (RG-9913 loss per 100' at 400MHz 2.6dB)

Coax Connectors

Model No. Description

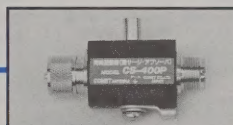
5D-NPC Male N-Conn for 5D Coax
5D-NJC Female N-Conn for 5D Coax
5D-MPC Male UHF-Conn for 5D Coax
5D-BPC BNC Conn for 5D Coax
5D-TNC TNC Conn for 5D Coax
10D-NPC Male N-Conn for 10D Coax
10D-NJC Female N-Conn for 10D Coax
10D-MPC Male UHF-Conn for 10D Coax



AD-10N AD-15M

AD-10N: N-NMO adapter
AD-15M: UHF-NMO adapter

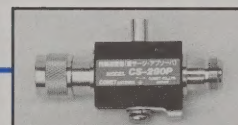
LIGHTNING ARRESTORS



CS-400P

Lightning Protector

Freq. Range: DC-500MHz
Max Power: 500 watts PEP
Connectors: SO-239/PL-259
Min. Voltage: DC 400v + - 15%
Insertion Loss: Less than 0.1dB
VSWR: Less than 1.1:1



CS-290P

Lightning Protector

Freq. Range: DC-1500MHz
Max Power: 300 watts PEP
Connectors: N-Female/N-Male
Min. Voltage: DC 290v + - 15%
Insertion Loss: Less than 0.1dB
VSWR: Less than 1.1:1

SPEAKERS



CSP-80

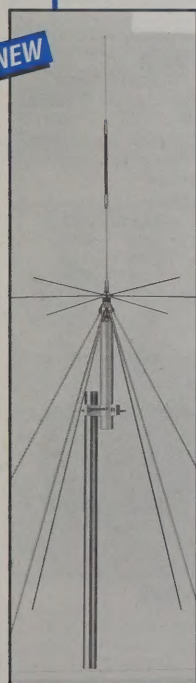
Mini Speaker with magnetic mount, noise filter and 8dB mute. Excellent audio quality! Dimensions: 5" x 4" x 1.5".



CSP-30

Mini Speaker with magnetic mount. Excellent audio quality! Dimensions: 2.75" x 3" x 1".

DISCONE ANTENNA



CA-F22GF

VHF Base Antenna w/Cutting Chart.
 User tunable for operation between 136-175MHz. After tuning, 4MHz Bandwidth.
Gain: 6.0dBi
VSWR: 1.5:1 or less
Max Power: 150 watts
Length: 8' 10" **Weight:** 2 lbs.
Mounting Mast Dia: 1 1/2" 2 1/4"
Connector: SO-239
Construction: Single-piece fiberglass

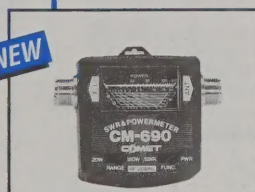
CA-62DB

6 Meter Vertical

Gain & Wave:
 52MHz 6.5dBi 1/2 wave x 2
VSWR: 1.5:1 or less
Max Power: 500 watts SSB
Length: 21' **Weight:** 5 lbs. 11 ozs.
Mounting Mast Dia: 1 1/2" 2"
Max Wind Speed: 100MPH
Connector: SO-239
Construction: Heavy-duty aluminum

SWR/POWER METERS

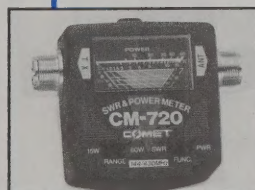
NEW



CM-690

HF/6M Minimeter
 1.9-60MHz

Power Range: 20/150 watt
Insertion Loss: 0.1 dB
Impedance: 50 Ohm
Connectors: SO-239



CM-720 CM-720N

VHF/UHF Minimeter
 140-150MHz/430-450MHz

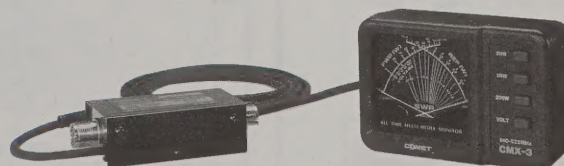
Power Range: 15/60 watt
Insertion Loss: 0.3dB
Impedance: 50 Ohm
Connectors: SO-239 or N-Type
 A convenient, small size SWR/PWR meter that reads SWR directly low loss allows permanent installation.

DS15

RX: 25-1500MHz
TX:
 6M/2M/440/900/1200MHz
Length: 4'8"
Max Power: 100 watts
Weight: 3 lbs. 3 ozs.
Connector: SO-239

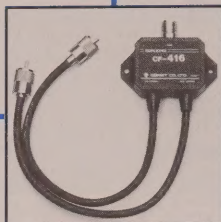
CROSS NEEDLE METERS

- Separate Meter and RF Sensor allow for convenient placement of the meter.
- Cross Needle Meter provides FWD, REF, and VSWR simultaneously.
- The RF-Sensor is a compact design, and has an extremely low-loss circuit.
- Beautifully illuminated when connected to power supply.
- EKS-3: Optional 10 foot extension cable between meter and sensor.



SPECIFICATIONS	CMX-1	CMX-2	CMX-3
Frequency Range	1.8-60MHz	1.8-200MHz	140-525MHz
Measurable Power Range	0-2KW	0-200W	0-200W
Power Range	30/300/2KW	20/50/200W	20/50/200W
Input Loss	Less than 0.2dB	Less than 0.2dB	Less than 0.3dB
Min. Power for SWR Measurement	Approx. 6W	Approx. 4W	Approx. 4W

DUPLLEXERS

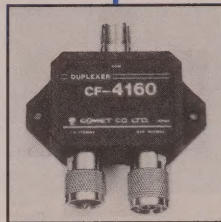


CF-416A, CF-416C
146/446MHz

Band Pass	Ins. Loss	Max Power
1.3-150MHz	0.15dB	800w PEP
400-540MHz	0.25dB	500w PEP

Isolation: 60dB

CONNECTORS: CF-416A CF-416C
Output: SO-239 N-Female
Low In: PL-259 PL-259
High In: PL-259 N-Male

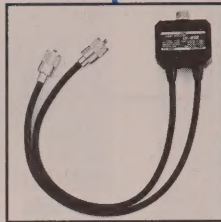


CF-4160K, 4160I, 4160J
146/446MHz

Band Pass	Ins. Loss	Max Power
1.3-150MHz	0.1dB	800w PEP
400-540MHz	0.2dB	500w PEP

Isolation: 60dB

CONNECTORS: CF-4160K CF-4160I CF-4160J
Output: SO-239 SO-239 SO-239
Low In: PL-259 PL-259 SO-239
High In: PL-259 N-Male SO-239



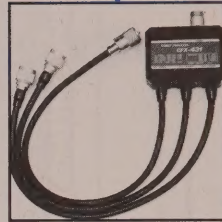
CF-416W
Multi-Option Duplexer 2M/440MHz -
220MHz/440MHz - 2M/440-1200MHz

Band Pass	Ins. Loss	Max Power
1.3-250MHz	2dB	400w PEP
400-1400MHz	25-3dB	200w PEP

Isolation: 30dB

CONNECTORS:
Output: Low In: High In:
N-Female PL-259 N-Male

TRIPLEXERS

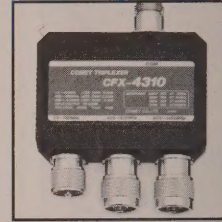


CFX-431A, CFX-431B
146/446/1200MHz

Band Pass	Ins. Loss	Max Power
1.3-60MHz	0.2dB	1000w PEP
100-150MHz	0.2dB	800w PEP
350-500MHz	0.3dB	500w PEP
840-1.4GHz	0.4dB	200w PEP

Isolation: 50dB

CONNECTORS: CFX-431A CFX-431B
Output: N-Female N-Female
Low In: PL-259 PL-259
Mid In: N-Male PL-259
High In: N-Male N-Male

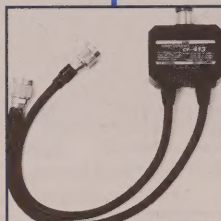


CFX-4310B, CFX-4310C
146/446/1200MHz

Band Pass	Ins. Loss	Max Power
1.3-60MHz	0.15dB	1000w PEP
100-150MHz	0.25dB	800w PEP
350-500MHz	0.25dB	500w PEP
840-1.4GHz	0.3dB	200w PEP

Isolation: 50dB

CONNECTORS: CFX-4310B CFX-4310C
Output: N-Female N-Female
Low In: PL-259 PL-259
Mid In: N-Male PL-259
High In: N-Male N-Male

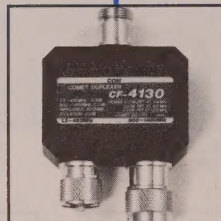


CF-413A, CF-413B
446/1200MHz

Band Pass	Ins. Loss	Max Power
1.3-150MHz	0.25dB	800w PEP
350-500MHz	0.25dB	500w PEP
840-1.4GHz	0.4dB	200w PEP

Isolation: 55dB

CONNECTORS: CF-413A CF-413B
Output: N-Female N-Female
Low In: N-Male PL-259
High In: N-Male N-Male

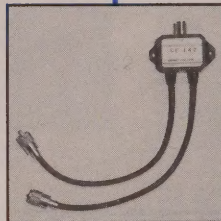


CF-4130A
446/1200MHz

Band Pass	Ins. Loss	Max Power
1.3-150MHz	0.2dB	800w PEP
350-500MHz	0.2dB	500w PEP
840-1.4GHz	0.3dB	200w PEP

Isolation: 55dB

CONNECTORS:
Output: Low In: High In:
N-Female N-Male N-Male

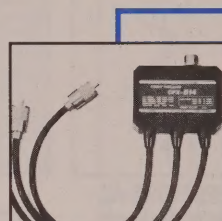


CF-142
146/220MHz

Band Pass	Ins. Loss	Max Power
1.3-150MHz	0.2dB	600w PEP
200-480MHz	0.3dB	400w PEP

Isolation: 40dB

CONNECTORS:
Output: Low In: High In:
SO-239 PL-259 PL-259



CFX-514 50/146/446MHz
Band Pass Ins. Loss Max Power
1.3-90MHz 0.2dB 800w PEP
130-200MHz 0.25dB 800w PEP
380-500MHz 0.3dB 500w PEP

Isolation: 55dB

CONNECTORS:
Output: Low In: Mid In: High In:
SO-239 PL-259 PL-259 PL-259

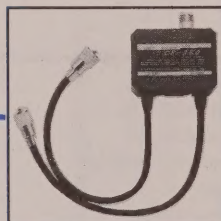
CFX-5140: Without cable



CFX-514J 50/146/446MHz
Band Pass Ins. Loss Max Power
1.3-90MHz 0.15dB 800w PEP
130-200MHz 0.2dB 800w PEP
380-500MHz 0.25dB 500w PEP

Isolation: 55dB

CONNECTORS:
Output: Low In: Mid In: High In:
SO-239 SO-239 SO-239 SO-239

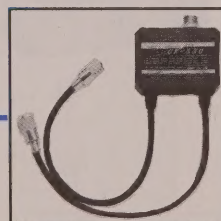


CF-360A
HF/6M-440MHz Duplexer

Band Pass	Ins. Loss	Max Power
1.3-30MHz	0.2dB	600w PEP
49-470MHz	0.2dB	600w PEP

Isolation: More than 45dB

CONNECTORS:
Output: Low In: High In:
SO-239 PL-259 PL-259



CF-530
HF/2M-440MHz Duplexer

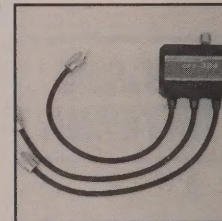
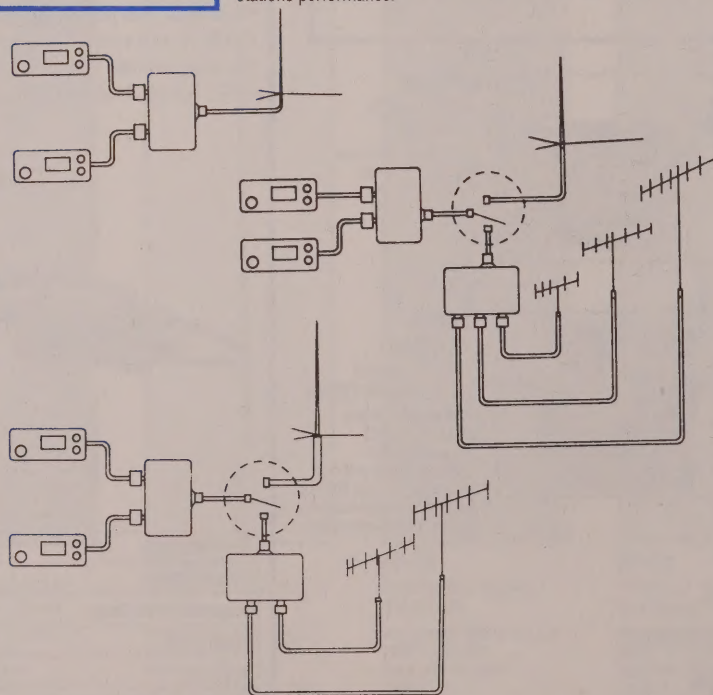
Band Pass	Ins. Loss	Max Power
1.3-90MHz	0.2dB	600w PEP
125-470MHz	0.2dB	600w PEP

Isolation: More than 45dB

CONNECTORS:
Output: Low In: High In:
SO-239 PL-259 PL-259

DIAGRAMS

The following illustrations demonstrate the wide uses of COMET Duplexers, Triplexers, and Coax Switches. Their high-power capabilities and quality construction will enhance your stations performance.

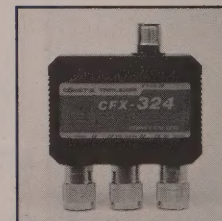


CFX-324A
146/220/446MHz Triplexer

Band Pass	Ins. Loss	Max Power
1.3-150MHz	0.2dB	600w PEP
200-320MHz	0.25dB	600w PEP
390-500MHz	0.3dB	600w PEP

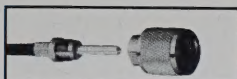
Isolation: 40dB

CONNECTORS: CFX-324A CFX-324B
Output: SO-239 SO-239
Low In: PL-259 PL-259
Mid In: PL-259 PL-259
High In: PL-259 PL-259



CFX-324B

MOBILE MOUNTS



Detachable Connector
All Comet assemblies use this connector for easy installation.



RS-81
Heavy-duty trunk lip, hatchback mount. Rubber-coated base protects vehicle paint. 5 large set screws. Ratchet style dial lock.



RS-21
Trunk, hatchback, rear door (van, blazer, etc.) mount. Adjustable to virtually ANY angle. Rubber-coated base protects vehicle paint.



RS-9
Small trunk-lip mount. Rubber-coated base, limited adjustment.



RS-820
Heavy-duty low profile trunk lip or hatchback mount. Rubber-coated base protects vehicle paint.



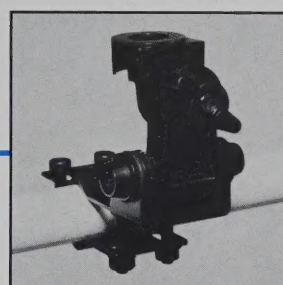
RS-80
Heavy-duty gutter mount for tall antennas. Ratchet style dial lock allows antenna to be lowered while driving in low-clearance structures.



RS-20
Gutter mount for small-medium size antennas. Ratchet style dial lock allows the antenna to be lowered while driving in low-clearance structures.

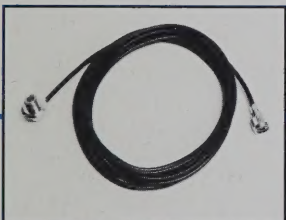


RS-25
Clamp mount w/dial lock for luggage racks, ladders, etc. Can be mounted on vertical or horizontal pipe.



RS-850
Heavy-duty pipe clamp mount. Excellent for large diameter spare tire carriers. (Pathfinder, Blazer, etc.)

MOBILE MOUNTS AND COAX ASSEMBLIES



3D4M Standard Cable Assembly. 13.5 feet of low loss coax. Gold-plated UHF (PL-259/SO-239) connectors.

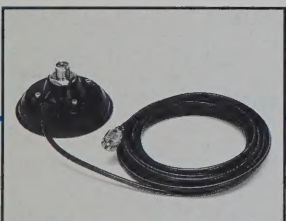
3D5M Standard Cable Assembly. Same as 3D4M, but 17 feet of coax.

3D4N Standard Cable Assembly with N-Connectors. Recommended to 900MHz.



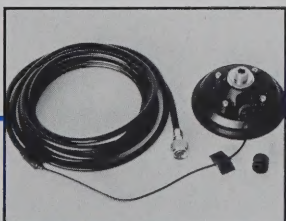
CK-3M Deluxe Cable Assembly. 10 ft. total length including 12 inches of RG-188 teflon coax for easy entry from a lip-mount, without causing coax or weather strip damage.

CK-3M5 Deluxe Cable Assembly. Same as CK-3M, but 17 feet of coax.



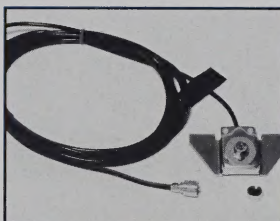
MS-3FVMM Standard Magnetic Mount. 13.5 feet of low loss coax. Gold-plated UHF (PL-259/SO-239) connectors. 12 pole magnet for antennas up to 45" tall. Magnet may be removed and cable used as a separate piece.

MS-3FVNN Standard Magnetic Mount with N-Connectors. Magnet may be removed and cable used as a separate piece.

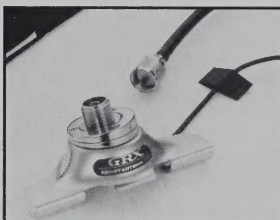


MS-5LXMM Deluxe Magnetic Mount. 13 feet double shielded very low loss coax. + 12" RG-188 teflon coax. Gold-plated UHF (PL-259/SO-239) connectors. 12 pole magnet, max antenna height 45". Magnet may be removed and cable used as separate piece.

MS-5LXNN Deluxe Magnetic Mount with N-Connectors. Magnet may be removed and cable used as a separate piece.



TS-1M Trunk Mount w/Cable. A low-profile trunk mount w/16.5 feet of cable included. Gold-plated UHF (PL-259/SO-239) connectors. Cam action allows vertical adjustment of antenna.

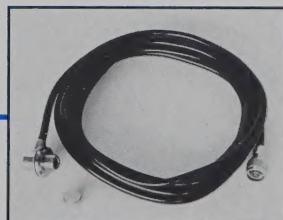


GR-5M Deluxe Trunk Mount w/Cable. A low-profile trunk mount w/16 feet very low loss cable, + 12" RG-188 teflon cable for easy trunk entry. Gold-plated UHF (PL-259/SO-239) connectors.

GR-5N Deluxe Trunk Mount w/Cable with N-Connectors.



WS-1M
Fully adjustable window clip mount. Low-loss coax, gold-plated connectors. Max antenna height: 40 inches.



5D4N
13.5 feet of extremely low loss coax. Gold-plated N-type connectors. Recommended up to 1400MHz.

Note: Coax cable and connectors are very important in providing good transmission conditions. An 8dBi gain antenna easily becomes a 0dBi gain antenna if inferior coax and cable is used. Please use Comet assemblies.

COMET™



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